

Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 10210602		APPLICATION NO. Rule 53(b) Divisional Application of U. S. Patent Application No. 10/396,554 filed March 26, 2003		
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANT Hideaki TAKAHASHI				
				FILING DATE January 9, 2004		GROUP		
U.S. PATENT DOCUMENTS								
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS		
	1	5,393,089	02/1995	Pakulsky et al.				
	2	5,564,731	10/1996	Gallagher et al.				
	3	4,895,389	01/1990	Pack, Jr.				
	4	4,989,896	02/1991	DiSalvo et al.				
	5	5,082,310	01/1992	Bauer				
	6	5,611,564	03/1997	Bauer				
FOREIGN PATENT DOCUMENTS								
		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS		
	7	JP-A-2-147452	06/1990	Japan				
	8	JP-A-2-283546	11/1990	* Japan				
	9	JP-A-3-281457	12/1991	Japan				
	10	JP-A-7-179161	07/1995	Japan				
	11	JP-A-2-109848	04/1990	Japan				
	12	JP-A-7-291078	11/1995	Japan				
	13	JP-A-8-20040	01/1996	Japan				
	14	JP-A-8-192666	07/1996	Japan				
	15	JP-A-5-185898	07/1993	Japan				
	16	JP-A-8-290749	11/1996	Japan				
	17	JP-U-2-60652	05/1990	Japan				
	18	JP-A-8-85406	04/1996	Japan				
	19	JP-U-6-1016	01/1994	Japan				
	20	JP-A-8-282332	10/1996	Japan				
	21	JP-A-9-2180	01/1997	Japan				
	22	JP-A-8-164814	06/1996	Japan				
	23	JP-A-9-2187	01/1997	Japan				
	24	JP-A-8-216216	08/1996	Japan				
	EXAMINER <span style="float: right;"></span>				DATE CONSIDERED <span style="float: right;"></span>			
	Examiner: Initial if citation considered, whether or not citation is in conformance with M.P.E.P. 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.							

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Form PTO-1449 (REV. 8-83)		US Dept. of Commerce PATENT & TRADEMARK OFFICE		ATTY DOCKET NO. 102106.02		APPLICATION NO. Rule 53(b) Divisional Application of U. S. Patent Application No. 10/396,554 filed March 26, 2003	
INFORMATION DISCLOSURE STATEMENT  (Use several sheets if necessary)				APPLICANT Hideaki TAKAHASHI			
				FILING DATE January 9, 2004		GROUP	
U.S. PATENT DOCUMENTS							
EXAMINER INITIAL	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS		
W	25	5,375,876 A	12/1994	Bauer et al.			
	26	5,499,842 A	03/1996	Yamamoto et al.			
W	27	5,590,901	1/1997	MacGregor	280	728.3	
	28	6,109,645	08/2000	Totani et al.	280	728.3	
	29	5,839,752	11/1998	Yamasaki et al.	280	728.3	
	30	5,590,903	01/1997	Phillion et al.	280	728.3	
	31	5,536,037	7/1996	Cherry	280	728.3	
	32	5,458,361	10/1995	Gajewski	280	728.3	
W	33	4,895,389	1/1990	Pack, Jr.	280	728.3	
	34	5,839,752	11/1998	Yamasaki et al.	280	728.3	
FOREIGN PATENT DOCUMENTS							
	DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUB CLASS		
W	35	JP-A-3-254919	11/1991	Japan			
	36	JP-A-8-268205	10/1996	Japan			
	37	JP-A-9-2181	01/1997	Japan			
	38	JP-A-9-2188	01/1997	Japan			
	39	JP-A-9-2189	01/1997	Japan			
	40	JP-A-9-39706	02/1997	Japan			
	41	JP-A-9-48313	02/1997	Japan			
	42	JP-A-8-192666	7/1996	Japan			
	43	DE 44 36 130 A1	03/1995	Germany			
	44	JP 04-303052 (w/Abstract)	10/1992	Japan			
	45	JP 02-303949 (w/Abstract)	12/1990	Japan			
	46	JP 7-315155 (w/Abstract)	12/1995	Japan			
W	47	JP 06-035057	5/1994	Japan			
EXAMINER  <div style="text-align: center; font-size: 1.5em;">Takahashi</div>				DATE CONSIDERED <div style="text-align: center; font-size: 1.5em;">9/15/04</div>			
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U.S. PATENT DOCUMENTS						
EXAMINER INITIAL	DOCUMENT NUMBER	DOCUMENT NUMBER	DATE	NAME	CLASS	SUB CLASS
	48	5,580,083	12/1996	Parker	280	728.3
	49	6,039,342	3/2000	Sasaki	280	728.2X
	50	6,042,140	3/2000	Blazaitis et al.	280	728.3
	51	5,979,931	11/1999	Totani et al.	280	728.2X
	52	5,755,459	5/1998	LaLonde	280	728.3
	53	6,042,144	3/2000	Murakami et al.	280	728.1X
	54	5,735,542	4/1998	Bohn	280	728.2
	55	5,913,534	11/1998	Klingauf	280	728.3
	56	5,698,283	11/1998	Yamasaki et al.	280	728.3X
	57	5,947,511	09/1999	Usui et al.	264	255

  

FOREIGN PATENT DOCUMENTS						
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	58	JP-A-2-147452	6/1990	Japan		
	59	JP-A-2-283546	11/1990	Japan		
	60	JP-A-3-281547	12/1991	Japan		
	61	JP-A-7-179161	7/1995	Japan		
	62	JP-A-2-109848	4/1990	Japan		
	63	JP-A-7-291078	11/1995	Japan		
	64	JP-A-8-20040	1/1996	Japan		
	65	JP-09052567 (Abstract only)	2/1997	Japan		

  

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